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(71) Applicant *(for all designated States except US)*: **LEAR CORPORATION** [US/US]; 21557 Telegraph Road, Southfield, MI 48034 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **SLEBODA, Pawel, W.** [US/US]; 2362 Park Ridge Drive, Bloomfield Hills, MI 48304 (US). **TRUE, Robert, J.** [US/US]; 6755 107th Avenue, Kenosha, WI 53142 (US). **PRINCE, David, J.** [US/US]; 131 West Monroe Street, Villa Park, IL 60181 (US). **NG, Jerome** [PH/US]; 1707 Broadview Lane, Apt. #115, Ann Arbor, MI 48105 (US).

(74) Agents: **SYROWIK, David, R.** et al.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

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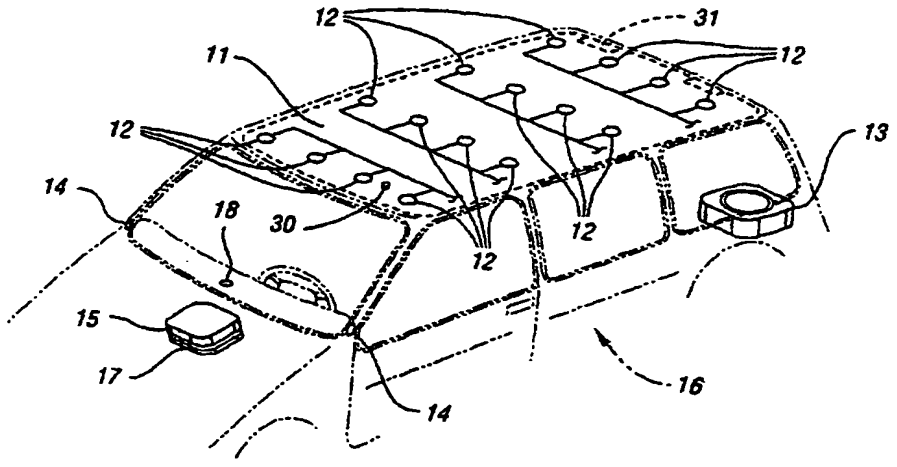

(57) Abstract: A vehicle overhead audio system an electromagnetic transducer assembly for use therein and a computer system programmed with a graphic software control for changing the audio system's signal level and delay are provided where a headliner of the vehicle is a loudspeaker of the system thereby replacing many other loudspeakers and being invisible to the occupants. The headliner is driven in multipe zones that effect proper imaging for all occupants. Supplemental high frequency and subwoofer speakers and signal processing circuittry are included in one aspect of the invention.

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